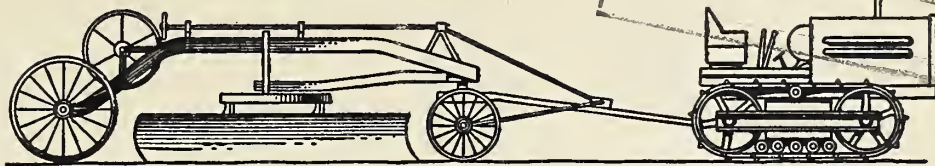


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CONSTRUCTION



HINTS

UNITED STATES DEPARTMENT OF AGRICULTURE, FOREST SERVICE
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No. 16

Construction Hints has again changed editors. Because of other work, Donald Hamilton has returned the job to the former editor, Harold L. Friend. The publication will continue to be sent out on the second and fourth Saturdays of each month --- if --- the Regions will continue their excellent contributions.

This issue is devoted entirely to an alphabetical index of all issues from the beginning on May 4, 1935, up to and including the issue of June 25, 1938. The front cover may be detached if desired, and the index used at the beginning of your file of copies.

Harold L. Friend

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Machinery maintenance	WO	2	15	8/22/36
Magazine, box, portable	R8	2	19	10/17/36
Maintenance of machinery	WO	2	15	8/22/36
Maintenance, preventative	WO	3	1	1/9/37
Maintenance, Reo	WO	4	2	1/22/38
Map mounting	ECW	1	16	12/14/35
Map rack, sliding	R6	2	1	1/11/36
Marker, timber	R9	3	12	8/28/37
Marking tool, bolt hole	R5	3	19	12/11/37
Marking tools	R8	2	16	9/5/36
Measuring can, water	SCS	3	10	7/23/37
Moldboard drafthook, Cletrac	R1	4	8	4/23/38
Mounting fire extinguishers	R7	3	5	3/6/37
Mounting maps	ECW	1	16	12/14/35
Mounting portable compressors	R4	1	9	9/7/35
Mounting Reo radiators	R6	2	20	10/31/36
Muck dipper	R9	3	15	10/9/37

<u>Name</u>	<u>From</u>	<u>Vol.</u>	<u>No.</u>	<u>Date</u>
-N-				
Net, gill, box and dryer	R9	3	17	11/13/37
Nozzles, Diesel fuel, injury by	W0	3	16	10/23/37
-O-				
Offset table, tangent	R9	1	6	7/27/35
Oil dispenser	R8	2	24	12/26/36
Oil filters	R9	4	12	6/25/38
Oil house drip trough	R7	2	15	8/22/36
Oil pump, trailbuilder		4	4	2/26/38
One-man saw	R9	2	23	12/12/36
Outlet and discharge screens	R5	3	18	11/27/37
Overhand knot		1	4	6/29/35
-P-				
Paint brush can	R8	3	15	10/9/37
Parabola plotting		1	3	6/15/35
Peeler, bark	R2	2	8	4/18/36
Pile driver	R8	1	5	7/15/35
Pile driver, portable	R6	3	3	2/6/37
Pile driving with dynamite	R8	2	5	3/7/36
Piling, sheet, driving cap	R9	3	7	4/3/37
Pipe and screen, tractor, air	R9	4	6	3/26/38
Pipe sled, Ferguson	R4	1	8	8/24/35
Placing concrete, chute for	R2	3	14	9/25/37
Plane table meridian	R5	1	14	11/16/35
Planimeter, pocket knife		1	7	8/10/35
Planting Plow	R6	3	3	2/6/37
Plotting ellipse		1	2	5/25/35
Plotting parabola		1	3	6/15/35
Plow, gang	R8	2	19	10/17/36
Plow, planting	R6	3	3	2/6/37
Plow, snow	R6	3	3	2/6/37
Pocket knife planimeter		1	7	8/10/35
Polarity indicator	R5	1	11	10/5/35
Pole, telephone, emergency hookup	R9	3	12	8/28/37
Pontoon, grader wheel	R8	2	15	8/22/36
Portable grindstone	R1	1	15	11/30/35
Portable pile driver	R6	3	3	2/6/37
Power grindstone	R9	1	14	11/16/35
Power takeoff	R6	3	3	2/6/37
Preventative maintenance	W0	3	1	1/9/37
Protect fish streams	W0	1	2	5/25/35
Protection, compressor axles	R7	1	7	8/10/35
Protection, conveyor belts		1	15	11/30/35
Protection, edged tools	R7	1	7	8/10/35

<u>Name</u>	<u>From</u>	<u>Vol.</u>	<u>No.</u>	<u>Date</u>
Protection of high pressure lines	R9	2	3	2/8/36
Protection of hydraulic lines	R6	2	3	2/8/36
Protection of truck tarpaulins	R1	2	4	2/22/36
Protector, glass signal	R9	1	9	9/7/35
Puller, drill steel	R1	4	9	5/14/38
Pump, oil, trailbuilder		4	4	2/26/38
Pusher, tree	R1	1	9	9/7/35

-R-

Rack, fire tool box	R9	3	10	7/23/37
Rack for blue prints	R7	3	2	1/23/37
Rack for fire tools	R7	2	17	9/19/36
Rack, gill net, dryer	R9	3	17	11/13/37
Rack, saw filing	R9	3	18	11/27/37
Rack, saw filing	R7	4	8	4/23/38
Rack wrench, Chevrolet	R7	3	12	8/28/37
Radiator, General Motors truck	R9	3	7	4/3/37
Radiator mounting, Reo	R6	2	20	10/31/36
Radiator perk	R8	1	13	11/2/35
Radio trailer	R6	3	3	2/6/37
Rag container	R7	2	17	9/19/36
Rail bumper, trucks	R6	3	10	7/23/37
Rain alarm	R5	3	13	9/11/37
Rasp, wood	R9	3	9	7/9/37
Reboring table, cylinder	R6	3	11	8/14/37
Rebuilding track links	R9	3	12	8/28/37
Rebuilding track rails and rollers	W0	2	11	5/30/36
Rebuilding tractor track rollers	R9	3	7	4/3/37
Rebuilding tractor track rollers	R9	4	7	4/9/38
Reef knot		1	4	6/29/35
Reel, blasting wire	R7	3	8	4/17/37
Reel, telephone, wheelbarrow	R8	3	6	3/20/37
Reel, wire	R1	2	3	2/8/36
Reflector, truck	R9	3	12	8/28/37
Relay, headlight	R8	4	7	4/9/38
Relocation gas tanks	R6	2	21	11/14/36
Removing broken shaft	R6	2	1	1/11/36
Reo differential housings	R7	3	12	8/28/37
Reo information	W0	4	11	6/11/38
Reo maintenance	W0	4	2	1/22/38
Reo truck, running board brace	R7	3	14	9/25/37
Repair, equipment, when to stop	W0	4	6	3/26/38
Repairs, trailbuilder	R7	2	7	4/4/36
Repairs, trailbuilder	R7	2	8	4/18/36
Repair, truck door	R9	3	17	11/13/37
Replacement of sprocket tooth		3	12	8/28/37

<u>Name</u>	<u>From</u>	<u>Vol.</u>	<u>No.</u>	<u>Date</u>
Retrieving drill steel	R7	2	7	4/4/36
Reverse jackhammer	R1	2	1	1/11/36
Reverse jackhammer	R3	2	7	4/4/36
Ridge top road survey	R8	2	4	2/22/36
Ripper loader	R1	2	22	11/28/36
Road slope scale	R8	4	7	4/9/38
Roads, low-cost		2	14	7/11/36
Road slope template	ASCE	4	9	5/14/38
Road survey, ridge top	R8	2	4	2/22/36
Road warning sign	R6	4	5	3/12/38
Rock bin	R6	3	3	2/6/37
Rock chute bumper	R6	3	10	7/23/37
Rock crusher starting assembly	R9	3	16	10/23/37
Rock dozer	R1	1	17	12/28/35
Rock removal from dual wheels	R8	2	3	2/8/36
Rock ripper	R6	3	3	2/6/37
Rock sled	R6	4	11	6/11/38
Rod, cut-slope	R8	2	2	1/25/36
Roller guards, tractor track		3	12	8/28/37
Rollers, rebuilding tractor track	R9	3	7	4/3/37
Rollers, rebuilding tractor track	R9	4	7	4/9/38
Roller, tractor	R9	3	7	4/3/37
Rope, capacity of drums		1	8	8/24/35
Rope splices		1	7	8/10/35
Rope starter, rock crusher	R9	3	16	10/23/37
Rope walkway, safety	R1	2	12	6/13/36
Rope, wire		1	11	10/5/35
Round tanks, contents		1	8	8/24/35
Runner, snow, wheelbarrow		3	12	8/28/37
Running board brace, Reo truck	R7	3	14	9/25/37
Running bowline knot		1	5	7/15/35

-S-

Sack filler		1	15	11/30/35
Sack, seed carrying	R9	3	7	4/3/37
Safety glass, cutting	R9	4	8	4/23/38
Salt for exhaustion	R1	1	10	9/21/35
Sand barrel base	R7	3	1	1/9/37
Sand barrel, self-spilling	R7	4	5	3/12/38
Sand box	R9	2	8	4/18/36
Sand test		2	21	11/14/36
Saw filing rack	R9	3	18	11/27/37
Saw filing rack	R7	4	8	4/23/38
Saw holding tool	R7	2	10	5/16/36
Saw horse	R9	3	11	8/14/37
Saw, one-man	R9	2	23	12/12/36
Saw sheath	R7	3	7	4/3/37

<u>Name</u>	<u>From</u>	<u>Vol.</u>	<u>No.</u>	<u>Date</u>
Saw units	R1	1	16	12/14/35
Scale, slope	R8	4	7	4/9/38
Screen and pipe, tractor, air	R9	4	6	3/26/38
Screens, discharge and outlet	R5	3	18	11/27/37
Seats, truck	R8	2	16	9/5/36
Seed carrying sack	R9	3	7	4/3/37
Setting bar for concrete pipe	R6	3	4	2/20/37
Sheath, saw	R7	3	7	4/3/37
Sheaves		2	3	2/8/36
Sheet bend knot, double		1	4	6/29/35
Sheet bend knot, single		1	4	6/29/35
Shelter, tree cache	R9	3	16	10/23/37
Shield, gas tank		3	20	12/25/37
Shift lever repair	R9	4	6	3/26/38
Shin guards	R9	2	17	9/19/36
Shop crane	R6	3	3	2/1/37
Shop practice, tractors	R5	2	13	6/27/36
Side ditches	W0	1	5	7/15/35
Sign, warning	R6	4	5	3/12/38
Simplified abney adjustment	R4	1	10	9/21/35
Single sheet bend knot		1	4	6/29/35
Sled, Ferguson pipe	R4	1	8	8/24/35
Sled, rock	R6	4	11	6/11/38
Slope rod	R10	2	8	4/18/36
Slope scale	R8	4	7	4/9/38
Slope, template, road	ASCE	4	9	5/14/38
Snow plow	R6	3	3	2/6/37
Snowplows, tractor, cab	R7	3	12	8/28/37
Snow plow, trailbuilder	R1	2	2	1/25/36
Snow runner, wheelbarrow		3	12	8/28/37
Soldering iron, electric	R3	2	19	10/17/36
Spark arrester, tent stove	R6	3	9	7/9/37
Splices, rope		1	7	8/10/35
Sprocket tooth replacement		3	12	8/28/37
Square knot		1	4	6/29/35
Stabilization	W0	1	14	11/16/35
Stabilization	W0	1	15	11/30/35
Stabilization	W0	1	16	12/14/35
Stadia	R5	1	12	10/19/35
Standard oil lubricants	W0	4	12	6/25/38
Starting assembly, rock crusher	R9	3	16	10/23/37
Starting heavy equipment	R2	2	13	6/27/36
Starting switch	R6	4	1	1/8/38
Stationary hoist and dragline	R6	3	3	2/6/37
Steel, drill puller	R1	4	9	5/14/38
Steel tempering	W0	1	1	5/4/35
Steel tempering	R5	1	11	10/5/35
Steel testing	R5	1	11	10/5/35

<u>Name</u>	<u>From</u>	<u>Vol.</u>	<u>No.</u>	<u>Date</u>
Steps, safety, truck	SCS	2	12	6/13/36
Stiff leg derrick	R7	1	2	5/25/35
Stock bins	R9	2	21	11/14/36
Stone cutting, drilling guide	R7	3	12	8/28/37
Stone dolly	R7	4	12	6/25/38
Stone, grinding	R1	4	6	3/26/38
Stone hook	R7	3	12	8/28/37
Storage of equipment	R1	2	2	1/25/36
Stove, tent, spark arrester	R6	3	9	7/9/37
Straightening handles with blowtorch	R5	3	1	1/9/37
Stream diversions	R5	3	18	11/27/37
Stream protection, fish	W0	1	2	5/25/35
Stubbing wire, twisting tool	R1	3	14	9/25/37
Surfacing machine, concrete	R7	3	19	12/11/37
Switch, starting	R6	4	1	1/8/38
Synchronizing compressors	R4	2	15	8/22/36

-T-

Table cover, drafting	R9	3	12	8/28/37
Table, drafting, horses	R7	3	9	7/9/37
Table, cylinder reboring	R7	3	11	8/14/37
Table, tangent offset	R9	1	6	7/27/35
Table, tracing	R5	4	2	1/22/38
Tag, key	R7	3	20	12/25/37
Tailgate chain, anti-rattler	R6	3	11	8/14/37
Tailgate ladder	R1	2	3	2/8/36
Tangent offset table	R9	1	6	7/27/35
Tank, gas, shield		3	20	12/25/37
Tanks, contents of		1	8	8/24/35
Tarpaulin protection	R1	2	4	2/22/36
Tatum holders	R10	2	8	4/18/36
Teeth, dipper	R2	3	7	4/3/37
Telephone hookup pole, emergency	R9	3	12	8/28/37
Telephone insulators	R4	2	12	6/13/36
Telephone pole holes	R1	2	11	5/30/36
Telephone reel, wheelbarrow	R8	3	6	3/20/37
Telephones in lookout towers	R9	2	10	5/16/36
Tempering steel	W0	1	1	5/4/35
Tempering steel	R5	1	11	10/5/35
Template, road slope	ASCE	4	9	5/14/38
Tent stove spark arrester	R6	3	9	7/9/37
Testing steel	R5	1	11	10/5/35
Thief knot		1	4	6/29/35
Threading U-bolts, die handle	R6	3	9	7/9/37
Tighteners, truck chain	R9	3	10	7/23/37
Tighteners, truck chain	R1	4	8	4/23/38
Tile trouble in alkali water		2	10	5/16/36

<u>Name</u>	<u>From</u>	<u>Vol.</u>	<u>No.</u>	<u>Date</u>
Timber hitch knot		1	5	7/15/35
Timber marker	R9	3	12	8/28/37
Tires, spare, relocation	R9	3	7	4/3/37
Tire wear		2	4	2/22/36
Toggle levers	R5	1	12	10/19/35
Tool box, fire, rack for	R9	3	10	7/23/37
Tool, culvert cleaning	R7	3	5	3/6/37
Tool for sharpening saw	R7	2	10	5/16/36
Tool grinder	R1	1	10	9/21/35
Tool grinder guard	R8	4	12	6/25/38
Tool, hose clamp		1	1	5/4/35
Tool, lineman's	R7	2	19	10/17/36
Tool marking	R8	2	16	9/5/36
Tool, marking, bolt hole	R5	3	19	12/11/37
Tool, twisting, stubbing wire	R1	3	14	9/25/37
Tooth replacement, sprocket		3	12	8/28/37
Top frames	R7	2	18	10/3/36
Top, sand barrel	R7	4	5	3/12/38
Tower leg clamp for telephones	R9	2	6	3/21/36
Towers, wood, erection	R8	3	19	12/11/37
Towing cable	R2	2	8	4/18/36
Tracing table	R5	4	2	1/22/38
Track links, rebuilding	R9	3	12	8/28/37
Track rail rebuilding	W0	2	11	5/30/36
Track roller guards, tractor		3	12	8/28/37
Track rollers, tractor rebuilding	R9	3	7	4/3/37
Track rollers, tractor rebuilding	R9	4	7	4/9/38
Tractor, air pipe and screen	R9	4	6	3/26/38
Tractor boom	R6	3	18	11/27/37
Tractor bushings and pins	R8	2	2	1/25/36
Tractor light guards	R6	2	6	3/21/36
Tractor shop practice	R5	2	13	6/27/36
Tractor snowplow, cab	R7	3	12	8/28/37
Tractor track links, rebuilding	R9	3	12	8/28/37
Tractor track roller guards		3	12	8/28/37
Tractor, track rollers, rebuilding	R9	3	7	4/3/37
Tractor, track rollers, rebuilding	R9	4	7	4/9/38
Trailbuilder as snow plow	R1	2	2	1/25/36
Trailbuilder hoist control	R7	4	5	3/12/38
Trailbuilder hose breakage	R1	1	14	11/16/35
Trailbuilder oil pump		4	4	2/26/38
Trailbuilder repairs	R7	2	7	4/4/36
Trailbuilder repairs	R7	2	8	4/18/36
Trailer grader	R9	2	19	10/17/36
Trailer, horse	R6	3	3	2/6/37
Trailer, radio	R6	3	3	2/6/37
Trailers, logging	R1	1	17	12/28/35
Treating creosote burns	R8	1	9	9/7/35

<u>Name</u>	<u>From</u>	<u>Vol.</u>	<u>No.</u>	<u>Date</u>
Treating drill bits	R1	2	2	1/25/36
Tree cache shelter	R9	3	16	10/23/37
Tree pusher	R1	1	9	9/7/35
Trencher, fire line	R6	3	3	2/6/37
Tripping device, dump trucks	R7	2	23	12/12/36
Trolley for blacksmith shop	R7	2	23	12/12/36
Truck bodies, panel, dust proofing	R8	3	10	7/23/37
Truck chain tension	R9	3	10	7/23/37
Truck chain tighteners	R9	3	10	7/23/37
Truck chain tighteners	R1	4	8	4/23/38
Truck, king pin lock bolt	R7	3	6	3/20/37
Truck, Chevrolet, rack wrench	R7	3	12	8/28/37
Truck covers	R6	3	3	2/6/37
Truck covers, canvas	R10	3	12	8/28/37
Truck cover frames	R9	2	7	4/4/36
Truck crane, swing boom	R6	3	3	2/6/37
Truck crank guide	R9	3	15	10/9/37
Truck door repair	R9	3	17	11/13/37
Truck dumping device	R1	2	22	11/28/36
Truck frame bows	R6	4	1	1/8/38
Truck, head gate opening	R5	3	12	8/28/37
Truck, gas tank shield		3	20	12/25/37
Truck, pickup, cover	R9	3	17	11/13/37
Truck, pickup, cover	R5	3	20	12/25/37
Truck radiator, General Motors	R9	3	7	4/3/37
Truck rail bumper	R6	3	10	7/23/37
Truck reflector	R9	3	12	8/28/37
Truck, Reo, differential housings	R7	3	12	8/28/37
Truck, Reo, maintenance	W0	4	2	1/22/38
Truck, Reo, running board brace	R7	3	14	9/25/37
Truck seat, folding	R4	2	22	11/28/36
Truck seats	R7	2	16	9/5/36
Truck, stake, ladder	R9	3	20	12/25/37
Truck steps, safety	SCS	2	12	6/13/36
Truck trail clearing	R5	4	4	2/26/38
Truck trail construction	R6	4	3	2/12/38
Truck trail location	W0	1	5	7/15/35
Truck universal joint		3	4	2/20/37
Truck water keg	R8	1	9	9/7/35
Truing grindstones	R2	2	3	2/8/36

-U-

U-bolt threader	R6	3	9	7/9/37
Universal joint assembly		3	4	2/20/37
Upholstery guard	R7	2	18	10/3/36
Use of old grader blades	R9	2	6	3/21/36

<u>Name</u>	<u>From</u>	<u>Vol.</u>	<u>No.</u>	<u>Date</u>
-V-				
Valve lifter	R8	3	1	1/9/37
Valve seat welding	R8	3	2	1/23/37
-W-				
Walkway, safety, rope	R1	2	12	6/13/36
Wall knot		1	6	7/27/35
Warning sign	R6	4	5	3/14/38
Water gate fence	R2	3	6	3/20/37
Water hole gauge, circular	R7	3	13	9/11/37
Water measuring can	SCS	3	10	7/23/37
Water level	R9	3	6	3/20/37
Weavers knot		1	4	6/29/35
Wheelbarrow, telephone reel	R8	3	6	3/20/37
Wheelbarrow snow runner		3	12	8/28/37
Windshield bracket, Chevrolet		1	9	9/7/35
Wire reel	R1	2	3	2/8/36
Wire reel, blasting	R7	3	8	4/7/37
Wire rope		1	11	10/5/35
Wire, twisting tool	R1	3	14	9/25/37
Wood rasp	R9	3	9	7/9/37
Wood tower, erection	R8	3	19	12/11/37
Work bench		3	12	8/28/37
Work floodlight		3	12	8/28/37
Wrench, Chevrolet rack	R7	3	12	8/28/37

